# Attachment for PTO-948 (Rev. 03/01, or earlier) 6/18/01

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

#### INFORMATION ON HOW TO EFFECT DRAWING CHANGES

### 1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings MUST be filed within the THREE MONTH shortened statutory period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

## 2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson. MUST be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings MUST be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes

### **Timing of Corrections**

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in ABANDONMENT of the application

REVIEWER

ATTACHMENT TO PAPER NO.

The drawing(s) filed (insert date)

U.S. DEPARTMENT OF COMMERCE - Palent and Trademark Office

Application No. <u>09/42838</u>4

### NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

FPOTOGRAPHS. 37 CFR 1.84 (b)  I full-tone set is required. Fig(s)  Photographs not properly mounted (must use brystol board or photographic double-weight paper). Fig(s)  Foor quality (half-tone). Fig(s)  TYPE OF PAPER. 37 CFR 1.84(e)  Paper not flexible, strong, white, and durable. Fig(s)  Erasures, alterations, overwritings, intertineations, folds, copy machine marks not accepted. Fig(s)  Mylar, velum paper is not acceptable (too thin). Fig(s)  SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 27.9 cm (DIN size A4)  21.6 cm by 27.9 cm (B 1/2 x 11 inches)  All drawing sheets not the same size. Sheet(s)  Drawings sheets not an acceptable size. Fig(s)  MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Top (T)  Left (L)  Right (R)  WIEWS. 37 CFR 1.84(h)  Bottom (B)  VIEWS. 37 CFR 1.84(h)  Partial views. 37 CFR 1.84(h)(2)  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Fig(s)  Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-third reproduction.  Fig(s)  10. CHARACTER OF LINES, NUMBERS, & LETTERS.  37 CFR 1.84(f)  Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality).  Fig(s)  11. SHADING. 37 CFR 1.84(m)  Solid black areas pale. Fig(s)  Solid black shading not permitted. Fig(s)  Solid black shading not permitted. Fig(s)  Solid black shading not permitted. Fig(s)  Numbers and reference characters not plain and legible Fig(s)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)  Fig(s)  Fig(s)  Fig(s)  12. NUMBERS, LETTERS.  37 CFR 1.84(p)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2)  Fig(s)  Fig(s)  13. Lead Lines.  Numbers, letters not uniformly thick and well defined, clean, durable nearly fig(s)  Nu	DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink. Color.  Color drawings are not acceptable until petiton is granted.  Fig(s)  Pencil and non black ink not permitted. Fig(s)	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)  Words do not appear on a horizontal, left-to-right fash when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s)  9. SCALE 37 CFR 1.84(i)
Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s)  Mylar, velum paper is not acceptable (too thin). Fig(s)  SIZE OF PAPER. 37 CFR 1.84(f). Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.0 cm by 29.7 cm (DIN size A4) 21.0 cm by 29.7 cm (GIN size A4) All drawing sheets not an acceptable size. Fig(s)  Margins sheets not an acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 81/2 x 11  Margins not acceptable. Fig(s)  Top (T) Left (L)  Right (R)  Bottom (B)  VIEWS. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity. Fig(s)  Erasures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable sizes. Fig(s)  Margins not acceptable size. Fig(s)  Margins not acceptable size. Fig(s)  Margins not acceptable. Fig(s)  Top (T) Left (L)  Sight (R)  Bottom (B)  VIEWS. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity. Fig(s)  Erasures and reference characters must be at letal size and reference characters must be at letal siz	PHOTOGRAPHS. 37 CFR 1.84 (b)  I full-tone set is required. Fig(s)  Photographs not properly mounted (must use brystol board or photographic double-weight paper). Fig(s)  Foor quality (half-tone). Fig(s)  TYPE OF PAPER. 37 CFR 1.84(e)  Paper not flexible, strong, white, and durable.	Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-third reproduction.  Fig(s)  10. CHARACTER OF LINES, NUMBERS, & LETTERS.  37 CFR 1.84(i)
All drawing sheets not the same size.  Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: B 1/2 x 11  Margins not acceptable. Fig(s) Top (T) Right (R) Bottom (B)  VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes.  Brackets needed to show figure as one entity. Fig(s) Enaltaged view not labeled separately or properly. Fig(s) Enaltaged view not labeled separately or properly. Fig(s) EECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s)  All drawing sheets not an acceptable. Fig(s) Sig(s) Fig(s) Fig(s) Sig(s) Fig(s) Fig(s) Fig(s) Sig(s) Fig(s) Sig(s) Fig(s) Sig(s) Fig(s) Sig(s) Fig(s) Sig(s) Fig(s) Sig(s) Sig(s) Fig(s) Sig(s)	Fig(s)	octined, clean, durable, and black (poor line quality).  Fig(s)  11. SHADING. 37 CFR 1.84(m)  Solid black areas pale. Fig(s)  Solid black shading not permitted. Fig(s)  Shade lines, pale, rough and blurred. Fig(s)  NUMBERS, LETTERS, & REFERENCE CHARACTERS.
SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s) Top (T) Right (R)  WIEWS. 37 CFR 1.84(h)  Parkets not deaded to show figure as one entity.  Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Hatching not indicated for sectional portions of an object.  Fig(s) Hatching not indicated for sectional portions of an object.  Roman numbers. Fig(s)  SIZE: 8 1/2 x 11  Numbers, letters and reference characters must be at let 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)  Fig(s)  Lead lines cross each other. Fig(s)  Lead lines missing. Fig(s)  Lead lines missing. Fig(s)  Numbers, letters and reference characters must be at let 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)  Lead lines cross each other. Fig(s)  Lead lines missing. Fig(s)  Numbers, letters and reference characters must be at let 32 cm (1/8 inch) in height. 37 CFR 1.84(p)  Lead lines cross each other. Fig(s)  Lead lines missing. Fig(s)  Numbers, letters and reference characters must be at let 32 cm (1/8 inch) in height. 37 CFR 1.84(p)  Lead lines cross each other. Fig(s)  Lead lines missing. Fig(s)  Numbers, letters and reference characters must be at let 32 cm (1/8 inch) in height. 37 CFR 1.84(p)  Lead lines cross each other. Fig(s)  Lead lines missing. Fig(s)  Numbers, letters and reference characters must be at let 32 cm (1/8 inch) in height. 37 CFR 1.84(p)  Lead lines cross each other. Fig(s)  Lead lines cross each other. Fig(s)  Numbers, letters and reference characters must be at let 32 cm (1/8 inch) in height. 37 CFR 1.84(p)  Lead lines cross each other. Fig(s)  Lead lines cross each other. Fig(s)  Numbers, letters and reference characters must be at let 32 cm (1/8 inch) in height. 37 CFR 1.84(p)  Lead lines cross each other. Fig(s)  Numbers, letters and reference characters must be at let 32 cm (1/8 inch) in the pick of the p	Sheet(s)  Drawings sheets not an acceptable size. Fig(s)  MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm  SIZE: A4 Size	Numbers and reference characters not plain and legible  Fig(s)  Figure legends are poor. Fig(s)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)
Fig(s) Views not labeled separately or properly.  Fig(s) Enlarged view not labeled separately or properly.  Fig(s) Enlarged view not labeled separately or properly.  Fig(s)  Enlarged view not labeled separately or properly.  Fig(s)  SecTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object.  Fig(s)  Sectional designation should be noted with Arabic or  Roman numbers. Fig(s)  Sectional designation should be noted with Arabic or  Roman numbers. Fig(s)  Solid black shading not used for color contrast.  Fig(s)  Fig(s)  Fig(s)  Solid black shading not used for color contrast.	Margins not acceptable. Fig(s)	Numbers, letters and reference characters must be at let 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)  Fig(s)  13. LEAD LINES. 37 CFR 1.84(q)  Lead lines cross each other. Fig(s)  Lead lines missing. Fig(s)  14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(l)  Sheets not numbered consecutively, and in Arabic numerical statements.
Sectional designation should be noted with Arabic or  Roman numbers. Fig(s)  Solid black shading not used for color contrast.  Fig(s)  Fig(s)	Views not labeled separately or properly.  Fig(s)  Enlarged view not labeled separetely or properly.  Fig(s)  ECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object	15. NUMBERING OF VIEWS. 37 CFR 1.84(u)  Views not numbered consecutively, and in Arabic numer beginning with number 1. Fig(s)  16. CORRECTIONS. 37 CFR 1.84(w)  Corrections not made from prior PTO-948 dated
	FiggsSectional designation should be noted with Arabic or Roman numbers. Fig(s)	Surface shading shown not appropriate. Fig(s) Solid black shading not used for color contrast.

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